



Specialty Couplants	Each Specialty Couplant offers unique properties for unusual or difficult inspections.			
	Key Benefits	Viscosity	Temperature Range	Ferrous Corrosion Inhibition Rating*
High Z	<ul style="list-style-type: none"> • Highest acoustic transmission to reduce surface noise and improve coupling performance on rough and curved surfaces • Close acoustic match to lucite wedges used for angle beam inspection • Environmentally benign formula • Remove with water 	<p>Low 40,000 cps Brookfield LV #5 @1.5 rpm</p> <p>High 500,000 cps Brookfield LV #5 @1.5 rpm</p>	0° to 200°F -18° to 93°C	70
Shear Gel	<ul style="list-style-type: none"> • Extremely thick viscosity to couple normal incidence (zero degree) shear waves • Remove with water 	40,000 cps Brookfield LV #5 @1.5 rpm	40° to 90°F 4° to 32°C	85
Gel 3000®	<ul style="list-style-type: none"> • Ultraviolet fluorescent tracer • Excellent corrosion inhibition and compatible with magnesium • Water-free, water-soluble • Excellent wetting properties • Does not contain glycerine • Highest viscosity holds on overhead and vertical surfaces • Broad temperature range, slow evaporation rate • Remove with water 	Grade 60 600,000 cps Brookfield LV #5 @1.5 rpm	0° to 325°F -18° to 163°C	85
Thermasonic®	<ul style="list-style-type: none"> • Broad temperature range • Slow evaporation rate • Water-free, water-soluble • Environmentally benign • Does not contain glycerine • Highest viscosity holds on overhead and vertical surfaces • Excellent corrosion inhibition • Excellent wetting properties • <200 ppm Halogens and <150ppm Sulfur • Remove with water 	<p>Grade 8 20,000 cps Brookfield LV #5 @1.5 rpm</p> <p>Grade 25 140,000 cps Brookfield LV #5 @1.5 rpm</p> <p>Grade 60 600,000 cps Brookfield LV #5 @1.5 rpm</p>	0° to 325°F -18° to 163°C Auto Ignition 720° F / 38°2 C	85
UT-X® Powder <small>Economical - Mix On Site</small>	<ul style="list-style-type: none"> • Most economical - mix on site • Self de-airing 2 packet system • Lump free, uniform mixing • Salt stable • Reduced storage space • No dyes or fragrance, will not stain clothing 	Variable by altering water amount.	32° to 120°F (0° to 49°C) in tap water can be winterized to 20°F (-29°C)	10
UT-X® FE Powder <small>Economical - Mix On Site</small>	<ul style="list-style-type: none"> • Mild corrosion inhibition for cast iron and steel • Self de-airing 2 packet system • Lump free, uniform mixing • Salt stable • Reduced storage space • No dyes or fragrance, will not stain clothing 	Variable by altering water amount.	32° to 120°F (0° to 49°C) in tap water can be winterized to 20°F (-29°C)	40

